

UNIFORM RIPRAP

The Standard Specifications are revised as follows:

SECTION 904, BEGIN LINE 694, INSERT AS FOLLOWS:

(d) Uniform Riprap. *The material shall be coarse aggregate, Class F or higher in accordance with 904.03(a). Gradation shall be in accordance with 904.04(e). Either type A or type B may be utilized.*

(e) Sizes of Riprap.

<i>GRADATION REQUIREMENTS</i>					
<i>Percent Smaller</i>					
<i>Size, mm (in.)</i>	<i>Revetment</i>	<i>Class 1</i>	<i>Class 2</i>	<i>Uniform A</i>	<i>Uniform B</i>
<i>750 (30)</i>			<i>100</i>		
<i>600 (24)</i>		<i>100</i>	<i>85-100</i>		
<i>450 (18)</i>	<i>100</i>	<i>85-100</i>	<i>60-80</i>		
<i>300 (12)</i>	<i>90-100</i>	<i>35-50</i>	<i>20-40</i>		
<i>200 (8)</i>				<i>100</i>	
<i>150 (6)</i>	<i>20-40</i>	<i>10-30</i>	<i>0-20</i>	<i>35-80</i>	<i>95-100</i>
<i>75 (3)</i>	<i>0-10</i>	<i>0-10</i>	<i>0-10</i>		<i>35-80</i>
<i>25 (1)</i>				<i>0-20</i>	<i>0-20</i>
<i>Depth of Riprap, minimum</i>	<i>450 mm (18 in.)</i>	<i>600 mm (24 in.)</i>	<i>750 mm (30 in.)</i>		